

Overview

AMX wall speakers (FIG. 1) are designed using superior components, materials and crossover design, including the use of Neodymium magnets which are significantly lighter and more powerful; all resulting in exceptional sonic performance. AMX speaker enclosures incorporate a unique pivoting tweeter assembly that creates directionality for the user.



FIG. 1 Matrix SPK-W Wall Speakers (with and without aluminum grill)

Models Available

- **SPK-W6.5** (FG1130-31): 6.5" Speaker Pair, 125W
- **SPK-W8** (FG1130-33): 8" Speaker Pair, 150W

Common Application

Great for homes, condominium buildings, retail environments and restaurants that require in-wall speaker installation.

Features

- Constructed of mineral-filled anodized injection molded polypropylene for exceptional acoustical performance
- Enclosure incorporates a floating bridge, which houses a unique pivoting tweeter assembly that creates directionality for the user.

Specifications

SPK-W Wall Speakers - Specifications	
Models Available:	<ul style="list-style-type: none"> • SPK-W6.5 (FG1130-31): 6.5" Speaker Pair, 125W • SPK-W8 (FG1130-33): 8" Speaker Pair, 150W
Dimensions (HWD):	<ul style="list-style-type: none"> • SPK-W6.5: 12" x 8 9/16" x 3 7/8" (30.5 cm x 21.8 cm x 9.8 cm) • SPK-W8: 14 3/4" x 11 3/8" x 3 7/8" (37.5 cm x 28.9 cm x 9.8 cm)
Power Requirement:	5-80 W
Recommended Power:	<ul style="list-style-type: none"> • SPK-W6.5: 5 - 125W • SPK-W8: 10 - 150W
Woofer:	<ul style="list-style-type: none"> • Constructed of mineral-filled anodized injection molded polypropylene. • Diameter = SPK-W6.5 = 6.5", SPK-W8 = 8"
Tweeter:	<ul style="list-style-type: none"> • Pivoting Silk Dome • Diameter = 25mm • Tweeter Level-Adjust Switch: Adjusts high-frequency level (-3dB, 0dB or +3dB)
Crossover:	24dB/Octave acoustical slopes
Sensitivity (at 2.83v):	<ul style="list-style-type: none"> • SPK-W6.5: 89dB • SPK-W8: 90dB
Frequency Response (+/-3dB):	<ul style="list-style-type: none"> • SPK-W6.5: 50Hz - 20kHz • SPK-W8: 45Hz - 20kHz
Nominal Impedance:	• 8 Ohms

SPK-W Wall Speakers - Specifications (Cont.)

Included Accessories:	<ul style="list-style-type: none"> • Grill: White aluminum grill (grills may be painted to match decor) • Back Box: W6s: 105° ABS 0.4kg W8s: 105° ABS 0.6kg
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Connections

- Each speaker has a Red (positive) terminal and a Black (negative) terminal.
- Connect the appropriate wire from the keypad to Red and Black terminals on the Left and Right speakers, as with any standard speaker installation.

High-Frequency Level-Adjust Switch

The tweeter features a level-adjust switch which allows you to select your preferred high-frequency level; -3dB, 0dB or +3dB.



FIG. 2 Matrix Wall Speakers

For full warranty information, refer to the AMX Instruction Manual(s) associated with your Product(s).

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AMX reserves the right to alter specifications without notice at any time.

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